

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/497,997B

DATE: 06/20/2001

TIME: 16:54:41

Input Set : C:\Crf3\05302001\I497997B.raw

Output Set: N:\CRF3\06202001\I497997B.raw

ENTERED

1 <110> APPLICANT: TERNYNCK, THERESA
 2 AVrameas, ALEXANDRE
 3 BUTTIN, GERARD
 4 AVrameas, STRAITIS
 5 SARON, MARIE-FRANCOISE
 6 BLONDEL, BRUNO
 7 COUDERC, THERESA
 8 MICHELSON, SUSAN
 9 ZIPETO, DONATO
 10 <120> TITLE OF INVENTION: VECTORS DERIVED FROM ANTIBODIES FOR TRANSFERRING SUBSTANCES
 INTO CELLS
 11 <130> FILE REFERENCE: 0660-0166-0XCONT
 C--> 12 <140> **CURRENT APPLICATION NUMBER: US/09/497,997B**
 13 <141> CURRENT FILING DATE: 2000-02-04
 14 <150> PRIOR APPLICATION NUMBER: PCT/FR98/01740
 15 <151> PRIOR FILING DATE: 1998-08-04
 16 <160> NUMBER OF SEQ ID NOS: 35
 17 <170> SOFTWARE: PatentIn version 3.0
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 17
 21 <212> TYPE: PRT
 22 <213> ORGANISM: Artificial Sequence
 23 <220> FEATURE:
 24 <221> NAME/KEY: misc_feature
 25 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
 26 <400> SEQUENCE: 1
 27 Thr Arg Gln Lys Tyr Asn Lys Arg Ala Met Asp Tyr Trp Gly Gln Gly
 28 1 5 10 15
 29 Thr
 31 <210> SEQ ID NO: 2
 32 <211> LENGTH: 17
 33 <212> TYPE: PRT
 34 <213> ORGANISM: Artificial Sequence
 35 <220> FEATURE:
 36 <221> NAME/KEY: misc_feature
 37 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
 38 <400> SEQUENCE: 2
 39 Thr Arg Gln Lys Tyr Gly Lys Arg Gly Met Asp Tyr Trp Gly Gln Gly
 40 1 5 10 15
 41 Thr
 43 <210> SEQ ID NO: 3
 44 <211> LENGTH: 18
 45 <212> TYPE: PRT
 46 <213> ORGANISM: Artificial Sequence
 47 <220> FEATURE:
 48 <221> NAME/KEY: misc_feature
 49 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
 50 <400> SEQUENCE: 3

RAW SEQUENCE LISTING

DATE: 06/20/2001

PATENT APPLICATION: US/09/497,997B

TIME: 16:54:41

Input Set : C:\Crf3\05302001\I497997B.raw

Output Set: N:\CRF3\06202001\I497997B.raw

```

51   Thr Arg Gln Ala Arg Ala Thr Trp Asp Trp Phe Ala Tyr Trp Gly Gln
52   1             5             10             15
53   Gly Thr
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 22
57 <212> TYPE: PRT
58 <213> ORGANISM: Artificial Sequence
59 <220> FEATURE:
60 <221> NAME/KEY: misc_feature
61 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
62 <400> SEQUENCE: 4
63   Val Ala Tyr Ile Ser Arg Gly Gly Val Ser Thr Tyr Tyr Ser Asp Thr
64   1             5             10             15
65   Val Lys Gly Arg Phe Thr
66             20
68 <210> SEQ ID NO: 5
69 <211> LENGTH: 21
70 <212> TYPE: PRT
71 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <221> NAME/KEY: misc_feature
74 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
75 <400> SEQUENCE: 5
76   Val Ala Tyr Ile Ser Arg Gly Gly Gly Ile Phe Tyr Tyr Glu Asp Ser
77   1             5             10             15
78   Ile Lys Gly Arg Phe
79             20
81 <210> SEQ ID NO: 6
82 <211> LENGTH: 23
83 <212> TYPE: PRT
84 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <221> NAME/KEY: misc_feature
87 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
88 <400> SEQUENCE: 6
89   Val Ala Ala Ile Ser Arg Gly Gly Gly Tyr Ser Tyr Tyr Leu Asp Ser
90   1             5             10             15
91   Val Lys Gly Arg Phe Thr Ile
92             20
94 <210> SEQ ID NO: 7
95 <211> LENGTH: 30
96 <212> TYPE: PRT
97 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <221> NAME/KEY: misc_feature
100 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
101 <400> SEQUENCE: 7
102   Val Ala Tyr Ile Ser Arg Gly Gly Val Ser Thr Tyr Tyr Ser Asp Thr
103   1             5             10             15

```

RAW SEQUENCE LISTING

DATE: 06/20/2001

PATENT APPLICATION: US/09/497,997B

TIME: 16:54:41

Input Set : C:\Crf3\05302001\I497997B.raw

Output Set: N:\CRF3\06202001\I497997B.raw

```

104      Val Lys Gly Arg Phe Thr Arg Gln Lys Tyr Asn Lys Arg Ala
105              20                      25                      30
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 12
109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
112 <221> NAME/KEY: misc_feature
113 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
114 <400> SEQUENCE: 8
115      Ala Arg Gln Lys Tyr Asn Lys Arg Ala Met Asp Tyr
116      1              5                      10
118 <210> SEQ ID NO: 9
119 <211> LENGTH: 31
120 <212> TYPE: PRT
121 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <221> NAME/KEY: misc_feature
124 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
125 <400> SEQUENCE: 9
126      Cys Val Ala Tyr Ile Ser Arg Gly Gly Val Ser Thr Tyr Tyr Ser Asp
127      1              5                      10                      15
128      Thr Val Lys Gly Arg Phe Thr Arg Gln Lys Tyr Asn Lys Arg Ala
129              20                      25                      30
131 <210> SEQ ID NO: 10
132 <211> LENGTH: 30
133 <212> TYPE: PRT
134 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:
136 <221> NAME/KEY: misc_feature
137 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
138 <400> SEQUENCE: 10
139      Val Ala Tyr Ile Ser Arg Gly Gly Val Ser Thr Tyr Tyr Ser Asp Thr
140      1              5                      10                      15
141      Val Lys Gly Arg Phe Thr Arg Gln Lys Tyr Asn Lys Arg Ala
142              20                      25                      30
144 <210> SEQ ID NO: 11
145 <211> LENGTH: 26
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <221> NAME/KEY: misc_feature
150 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
151 <400> SEQUENCE: 11
152      gttctgacta gtgggcactc tgggct
154 <210> SEQ ID NO: 12
155 <211> LENGTH: 26
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence

```

26

RAW SEQUENCE LISTING

DATE: 06/20/2001

PATENT APPLICATION: US/09/497,997B

TIME: 16:54:41

Input Set : C:\Crf3\05302001\I497997B.raw

Output Set: N:\CRF3\06202001\I497997B.raw

```

158 <220> FEATURE:
159 <221> NAME/KEY: misc_feature
160 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
161 <400> SEQUENCE: 12
162     gaggttcagc tcgagcagtc tggggc                26
164 <210> SEQ ID NO: 13
165 <211> LENGTH: 26
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <221> NAME/KEY: misc_feature
170 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
171 <400> SEQUENCE: 13
172     gaggtgaagc tcgaggaatc tggagg                26
174 <210> SEQ ID NO: 14
175 <211> LENGTH: 25
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <221> NAME/KEY: misc_feature
180 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
181 <400> SEQUENCE: 14
182     gaagtgcagc tcgaggagtc tgggg                25
184 <210> SEQ ID NO: 15
185 <211> LENGTH: 26
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <221> NAME/KEY: misc_feature
190 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
191 <400> SEQUENCE: 15
192     gaggttcagc tcgagcagtc tggagc                26
194 <210> SEQ ID NO: 16
195 <211> LENGTH: 17
196 <212> TYPE: PRT
197 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <221> NAME/KEY: misc_feature
200 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
201 <400> SEQUENCE: 16
202     Thr Arg Gln Lys Tyr Asn Lys Arg Ala Met Asp Tyr Trp Gly Gln Gly
203     1             5             10             15
204     Thr
206 <210> SEQ ID NO: 17
207 <211> LENGTH: 18
208 <212> TYPE: PRT
209 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <221> NAME/KEY: misc_feature

```

RAW SEQUENCE LISTING

DATE: 06/20/2001

PATENT APPLICATION: US/09/497,997B

TIME: 16:54:41

Input Set : C:\Crf3\05302001\I497997B.raw

Output Set: N:\CRF3\06202001\I497997B.raw

```

212 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
213 <400> SEQUENCE: 17
214     Thr Arg Gln Lys Tyr Asn Lys Lys Arg Gly Met Asp Tyr Trp Gly Gln
215     1             5             10             15
216     Gly Thr
218 <210> SEQ ID NO: 18
219 <211> LENGTH: 18
220 <212> TYPE: PRT
221 <213> ORGANISM: Artificial Sequence
222 <220> FEATURE:
223 <221> NAME/KEY: misc_feature
224 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
225 <400> SEQUENCE: 18
226     Thr Arg Gly Ala Arg Ala Thr Trp Asp Trp Phe Ala Tyr Trp Gly Gln
227     1             5             10             15
228     Gly Thr
230 <210> SEQ ID NO: 19
231 <211> LENGTH: 21
232 <212> TYPE: PRT
233 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <221> NAME/KEY: misc_feature
236 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
237 <400> SEQUENCE: 19
238     Val Ala Tyr Ile Ser Arg Gly Gly Val Ser Thr Tyr Tyr Ser Asp Thr
239     1             5             10             15
240     Val Lys Gly Arg Phe
241             20
243 <210> SEQ ID NO: 20
244 <211> LENGTH: 22
245 <212> TYPE: PRT
246 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <221> NAME/KEY: misc_feature
249 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
250 <400> SEQUENCE: 20
251     Val Ala Tyr Ile Ser Arg Gly Gly Val Ser Thr Tyr Tyr Ser Asp Thr
252     1             5             10             15
253     Val Lys Gly Arg Phe Thr
254             20
256 <210> SEQ ID NO: 21
257 <211> LENGTH: 20
258 <212> TYPE: PRT
259 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
261 <221> NAME/KEY: misc_feature
262 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
263 <400> SEQUENCE: 21
264     Val Ala Tyr Ile Ser Arg Gly Gly Ile Phe Tyr Tyr Gln Asp Ser Ile

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/497,997B

DATE: 06/20/2001

TIME: 16:54:42

Input Set : C:\Crf3\05302001\I497997B.raw

Output Set: N:\CRF3\06202001\I497997B.raw

L:12 M:270 C: Current Application Number differs, Wrong Format